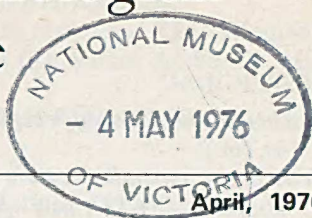


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NEW RECORDS FOR BUTTERFLIES IN SOUTHERN, CENTRAL AND NORTHERN QUEENSLAND

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This paper consists of a list of positive identifications of species collected or observed by the author between 1970 and 1974. The locality of capture or observation is followed by a number indicating the month in which the species was recorded (i.e. January = 1, February = 2, etc.). The symbols *nl.*, *sl.*, and *wl.* indicate that the species at that locality is at the known northern, southern or western limit of its distribution. In general, the list includes localities of captures not previously recorded for each species. Those butterflies regarded as common or widespread within Queensland are omitted. The list does not include Hesperidae of the subfamily Hesperinae. Species of this group captured between 1970 and 1974 are being evaluated and will be the subject of another list to be published at a later date.

With the exception of the hesperid *Hesperilla furva* (see Sands and Kerr, 1973) the nomenclature used for the butterflies listed here follows that of Common and Waterhouse (1972).

The subspecific status of some butterflies listed needs further investigation. These include species from Expedition Range, some of which show geographical variation indicating their isolation from other Queensland populations (see Atkins, 1974). Complex distributions of the races of *Candalides hyacinthinus* and *Ogyris amaryllis* from central and northern Queensland also warrant further investigation to determine the subspecific identity of these species. Specimens of *Jalmenus evagoras evagoras* from Bulburin and Kroombit Tops are larger than southern Queensland specimens and in colour approach the subspecies *eubulus* which appears to be restricted to brigalow areas.

List of species

HESPERIIDAE

- Euschemon rafflesia rafflesia* (W. S. Macleay). Cent. Qld.: Bulburin State Park (4), (nl.).
- Netricoryne repanda repanda* C. and R. Felder. Cent. Qld.: Mount Archer (10); Edungalba (9); South Molle Island (9).
- Trapezites symmokus symmokus* Hubner. Sth. Qld.: Montville (1); Nth. Qld.: Heads (11). Cent. Qld.: Kroombit Tops (9, 12, 1), (nl.).
- Trapezites iacchus* (Fabricius). Nth. Qld.: 35 km E. of Pentland (9), (wl.).
- Trapezites maheta maheta* (Hewitson). Cent. Qld.: Byfield (9, 11, 12); Mount Archer (10).
- Trapezites petalia* (Hewitson). Cent. Qld.: Great Keppel Island (12).
- Trapezites luteus leucus* Waterhouse. Cent. Qld.: 20 km E. of Cracow (10), (p.).
- Toxidia thyrrhus* Mabille. Cent. Qld.: Byfield (10, 3); Mount Archer (9, 10, 2, 3); Jim Crow Mountain (3); Stanwell (3).
- Toxidia parvula* (Plotz). Cent. Qld.: Great Keppel Island (8, 9, 4).
- Toxidia doubledayi* (Felder). Cent. Qld.: Berserker Ranges (10); Edungalba (10).
- Toxidia rietmanni rietmanni* (Semper). Cent. Qld.: Mount Archer (11, 12).
- Toxidia crypsigramma* (Meyrick and Lower). Cent. Qld.: Blackman's Pass (10); Mount Morgan (3); Mount Archer (9, 10); Byfield (10); Yeppoon (11, 12); Jim Crow Mountain (9, 3); Canoona (8, 9, 10, 11, 3, 4, 5); Edungalba (10, 11); Stanwell (9, 10); Westwood (10); Isla Gorge (10, 2); Bogantungan (4), (wl.). Nth. Qld.: 15 km W. of Paluma (10, 2).
- Neohesperilla xanthomera* (Meyrick and Lower). Cent. Qld.: Gayndah (9); Isla Gorge (9, 10, 2); Great Keppel Island (10, 11, 1, 2); Westwood (10); Stanwell (10, 2, 3); Canoona (9, 10, 11, 12, 1, 2, 3); Berserker Ranges (10, 11, 2); Jim Crow Mountain (2).
- Hesperilla sexguttata* Herrich-Schaffer. Cent. Qld.: Theodore (11); Many Peaks (3); Mount Morgan (8, 12, 1); Keppel Sands (8, 4); Jim Crow Mountain (10); Berserker Ranges (8, 9, 10, 1, 2, 3); Rockhampton (8, 9, 11, 12, 1, 2, 3); The Caves (10); Wycarbah (2); Mount Hay (9, 10, 2, 4); Grantleigh (8, 10, 4); Edungalba (1, 2); Lotus Creek (9); Yaamba (3); Dawson River (11); Boothill Creek (9); 40 km W. of Eungella (4); Bowen (9). Nth. Qld.: Hill Valley (9); Boggy Creek, 80 km S.W. of Cooktown (9).
- Hesperilla malindeva* Lower. Cent. Qld.: Isla Gorge (10, 11); Blackman's Pass (10); Duaringa (1); Berserker Ranges (9, 10, 3, 4); Cawarral (2); Yeppoon (11, 12, 1, 2); Byfield (10, 1, 3); Jim Crow Mountain (10); The Caves (10); Canoona (9, 10, 11, 12, 1, 2, 3).
- Hesperilla furva* Sands and Kerr. Cent. Qld.: Eidsvold (10, 11, 1); Isla Gorge (10, 11, 2, 3); 15 km S.W. of Theodore (12); Duaringa (1); Bauhinia Gap (9, 10, 2); Gogango Range (9, 10, 11, 12, 1, 2, 3, 4); Grantleigh (8, 9, 11, 4); Mount Hay (10); Edungalba (11, 2).
- Hesperilla mastersi mastersi* Waterhouse. Sth. Qld.: Mount Tamborine (10); Mount Nebo/Mount Glorious (10, 11, 12), (nl.); Cunningham's Gap (10).

Hesperilla picta (Leach). Sth Qld.: Cooroy (9, 10); Beerwah (10).

Hesperilla ornata ornata (Leach). Sth Qld.: Montville (10). Cent. Qld.: Kroombit Tops (10, 11); Mount Larcom (10); Cawarral (9); Mount Archer (9, 10); Yeppoon (9, 11); Eungella Range (9, 10, 11).

Mesodina halyzia halyzia (Hewitson). Cent. Qld.: Byfield (9, 10); Isla Gorge (3).

PAPILIONIDAE

Protographium leosthenes leosthenes (Doubleday). Cent. Qld.: 10 km S. of Blackwater (11); Bauhinia Creek (12); Edungalba (11, 1, 2); Gogango Range (10, 2, 3); Westwood (10, 2); Mount Archer (10, 11, 12, 1, 2); Jim Crow Mountain (10); Yeppoon (11, 1).

Graphium macleayanum macleayanum (Leach). Cent. Qld.: Bulburin State Forest (4); Berserker Ranges (11, 1, 3), (nl.).

PIERIDAE

Delias nysa (Fabricius). Cent. Qld.: Monto (8); Mount Archer (8, 9, 5); The Caves (8).

NYMPHALIDAE

Mycalesis perseus perseus (Fabricius). Cent. Qld.: Hedlow Creek (5); Rockhampton (6); Ridgeland (6), (sl.).

Geitoneura acantha acantha (Donovan). Cent. Qld.: Kroombit Tops (12).

Heteronympha merope merope (Fabricius). Cent. Qld.: Kroombit Tops (12).

Vanessa itea (Fabricius). Cent. Qld.: Rockhampton (5); Mount Archer (5, 7, 8); Yeppoon (4).

Precis hedonia zelima (Fabricius). Cent. Qld.: Byfield (11, 3, 4, 5); Lake Mary (6); Yeppoon (12, 2, 3, 6); Hedlow Creek (5); Canoona (6).

LYCAENIDAE

Rapala varuna simsoni (Miskin). Cent. Qld.: Yeppoon (10, 3, 4); Berserker Ranges (11, 12, 2, 3); Rockhampton (12, 1, 2, 3); Stanwell (1, 2, 3).

Jalmenus evagoras evagoras (Donovan). Cent. Qld.: Bulburin State Forest (4); Kroombit Tops (12, 1).

Jalmenus evagoras eubulus Miskin. Cent. Qld.: Dawson River near Edungalba (11, 12, 2); Gogango Range (11, 1, 2).

Jalmenus pseudictinus Kerr and Macqueen. Cent. Qld.: Grantleigh (11, 12, 1, 2). Nth. Qld.: Cardwell (4, 10).

Jalmenus daemeli Semper. Cent. Qld.: Thompsons Point (2, 3, 4); Rockhampton (10, 11, 2, 3); Wycarbah (12); Grantleigh (11, 12, 1, 2); Gogango Range (12, 1); Anakie (3).

Ogyris genoveva duaringa Bethune-Baker. Cent. Qld.: Mount Morgan (11); Isla Gorge (11, 2).

Ogyris zozine typhon Waterhouse and Lyell. Cent. Qld.: Great Keppel Island (9, 10, 4); Emu Park (8, 9, 2, 3, 4); Byfield (10); Thompsons Point (4); Canoona (9); Gracemere (8, 9, 12, 2, 3, 5); Bogantungan (3). Nth. Qld.: 45 km N. of Hughenden (8).

- Ogyris olane ocela* Waterhouse. Cent. Qld.: Rockhampton (9); Dulab.
Carnarvon Range at Springwood (7).
- Ogyris barnardi barnardi* Miskin. Cent. Qld.: Rolleston (6); Isla Gorge
Blackwater (7); Capella (7); Monto (8).
- Ogyris oroetes* Hewitson. Cent. Qld.: Emu Park (8); Byfield (7); Rockhampton
(6); Rolleston (4); Carnarvon Range at Springwood (6, 7); Gracemere
Ridgeland (7).
- Ogyris amaryllis* ssp. Hewitson. Cent. Qld.: Bogantungan (8, 3); Longreach
Nth. Qld.: Petford (10).
- Hypochrysopeps delicia delicia* Hewitson. Sth. Qld.: Montville (10).
- Hypochrysopeps delicia duaringae* (Waterhouse). Cent. Qld.: Isla Gorge
Spectacle Creek, Bluff (9, 10, 3); Stanwell (9, 2, 3).
- Hypochrysopeps ignita chrysonotus* Grose-Smith. Cent. Qld.: 20 km E. of
(10); Isla Gorge (10, 11); southern Expedition Range near Rolleston
Gogango Range (8); Stanwell (9, 10, 3, 4); Mount Lucas (8); Mount
(4); Yeppoon (10); Canoona (9, 10, 11, 12, 1).
- Hypochrysopeps digglesii* Hewitson. Cent. Qld.: Yeppoon (7, 8, 9, 12, 2, 3, 4);
Farnborough (2); Byfield (10); Cawarral (10).
- Pseudodipsas cuprea* Sands. Sth. Qld.: Mount Tinbeerwah, 10 km N.W. of
(11). Cent. Qld.: Isla Gorge (10).
- Paralucia pyrodiscus* ssp. (Rosenstock). Cent. Qld.: Kroombit Tops
Bauhinia Creek, 10 km E. of Boolburra (9), (nl.).
- Lucia limbaria* Swainson. Cent. Qld.: 15 km W. of Moura (12).
- Candalides cyprotus pallescens* (Tite). Cent. Qld.: Great Keppel Island
Mount Archer (10, 12).
- Candalides hyacinthinus* ssp. (Semper). Cent. Qld.: Kroombit Tops
southern Expedition Range (4); Isla Gorge (10, 11, 2, 3); Mount
(10, 11, 3, 4).
- Candalides xanthospilos* (Hubner). Cent. Qld.: Kroombit Tops (12); B.
(9, 10).
- Candalides heathi heathi* (Cox). Cent. Qld.: Thompson's Point (3); M.
Archer (11); Bauhinia Creek (12); Capella (7); Emerald (7); The W.
(3); Blackwater (7).
- Nesolycaena albosericea* (Miskin). Cent. Qld.: Isla Gorge (10, 3).
- Philiris innotata innotata* (Miskin). Cent. Qld.: Carnarvon Gorge (8); B.
State Forest (4); Mt. Archer (12, 1, 2, 3); Yeppoon (4); Rockhampton

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